United States Department of Agriculture
National Agricultural Statistics Service

Minnesota Crop Progress & Condition

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Cooperating with the Minnesota Department of Agriculture

For the week ending May 29, 2016
Issued May 31, 2016
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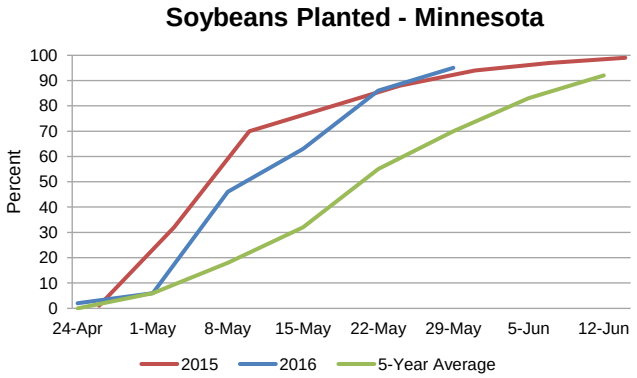
Above average temperatures aided crop development, but multiple rain showers made it difficult to complete planting and cut hay in some areas of the state during the week ending May 29, 2016, according to USDA's National Agricultural Statistics Service. Frequent showers limited field activities across Minnesota, with 3.2 **days suitable for fieldwork**. Field activities for the week included planting, applying herbicides, and cutting hay.

Topsoil moisture supplies were rated 2 percent very short, 9 percent short, 77 percent adequate, and 12 percent surplus. **Subsoil moisture** supplies were rated 1 percent very short, 10 percent short, 78 percent adequate, and 11 percent surplus.

Ninety-two percent of the Minnesota **corn** crop had emerged, a day behind last year, but 13 days ahead of the five-year average. Corn condition rated 71 percent good to excellent, up 6 percentage points from the previous week. **Soybean** planting was 95 percent complete. Sixty-seven percent of the soybean acreage had emerged, equal to last year and 11 days ahead of average. Forty-four percent of the **spring wheat** acreage was at or beyond the jointing stage, slightly behind last year, but two weeks ahead of average. Spring wheat condition rated 70 percent good to excellent. Sixty-four percent of the **oat** crop was at or beyond the jointing stage, with scattered reports of oats heading. Oat condition rated 81 percent good to excellent, up slightly from the previous week. The **barley** crop was 29 percent at or beyond the jointing stage, with condition rated at 76 percent good to excellent, down 3 percentage points from the previous week. **Dry edible beans** were 92 percent planted and 45 percent emerged. **Sunflowers** were 94 percent planted, 2 weeks ahead of last year and 22 days ahead of average.

The first cutting of **alfalfa hay** was 38 percent complete, 12 days ahead of last year and average. **All hay** condition rated 78 percent good to excellent. **Pasture** condition rated 77 percent good to excellent, up 7 percentage points from last week.



Crop Condition as of May 29, 2016

	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Barley	0	3	21	64	12
Corn	0	2	27	58	13
Hay, all	0	2	20	68	10
Oats	0	1	18	66	15
Pasture	0	4	19	67	10
Spring wheat	1	2	27	59	11

Soil Moisture Supplies as of May 29, 2016

	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture	2	9	77	12
Subsoil moisture	1	10	78	11

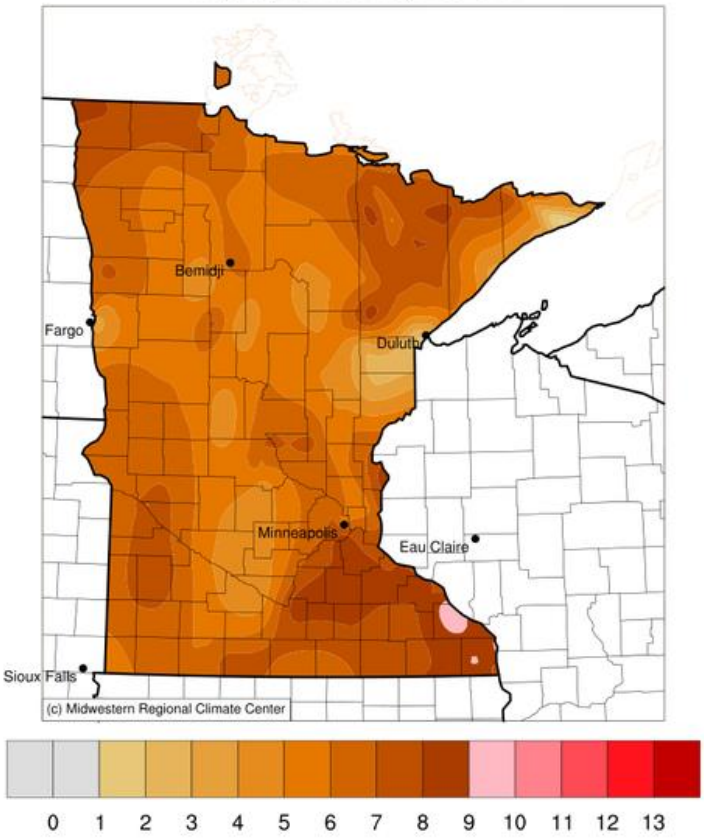
Crop Progress as of May 29, 2016

	This week	Last week	Last year	5-year average
Days suitable for fieldwork	3.2	6.0	3.0	3.4
	(percent)	(percent)	(percent)	(percent)
Barley emerged	97	88	96	69
Barley jointing	29	13	50	20
Corn emerged	92	78	93	69
Dry edible beans planted	92	75	74	53
Dry edible beans emerged	45	12	30	15
Hay, alfalfa, first cutting	38	24	9	12
Oats emerged	97	91	97	79
Oats jointing	64	45	66	27
Soybeans planted	95	86	92	70
Soybeans emerged	67	33	67	33
Spring wheat emerged	99	90	98	71
Spring wheat jointing	44	15	46	22
Sunflowers planted	94	70	79	57

Minnesota Temperatures and Precipitation for the week ending May 29, 2016

Average Temperature (°F): Departure from 1981-2010 Normals

May 23, 2016 to May 29, 2016



Stations from the following networks used: WBAN, COOP, FAA, GHCN, ThreadEx, CoCoRaHS, WMO, ICAO, NWSLI,

Midwestern Regional Climate Center
cli-MATE: MRCC Application Tools Environment
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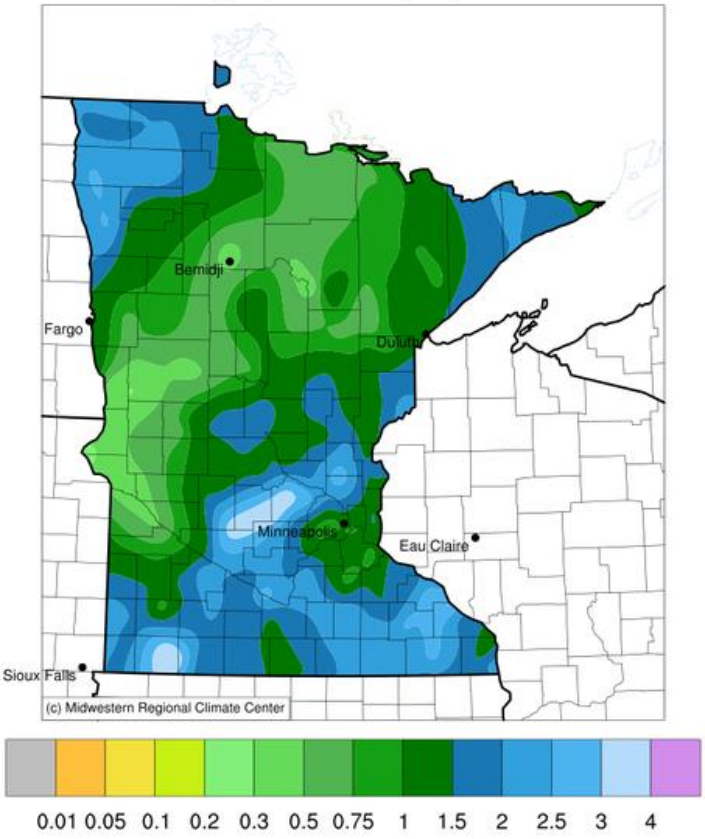
Accumulated Precipitation (in)

May 23, 2016 to May 29, 2016



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Midwestern Regional Climate Center
cli-MATE: MRCC Application Tools Environment
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National Weather Service data, courtesy of the Minnesota Department of Natural Resources State Climatology Office, is available at: http://www.dnr.state.mn.us/climate/historical/summary.html

Growing Degree Days can be found at https://mygeohub.org/groups/u2u/gdd

Temperature and Precipitation Maps, courtesy of the Midwestern Regional Climate Center, are available at: http://mrcc.isws.illinois.edu/CLIMATE/